

The Technology Maturity Model: Building Innovation in Education



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Arizona Department of Education

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Raising The BAR Arizona Education Technology Maturity Model

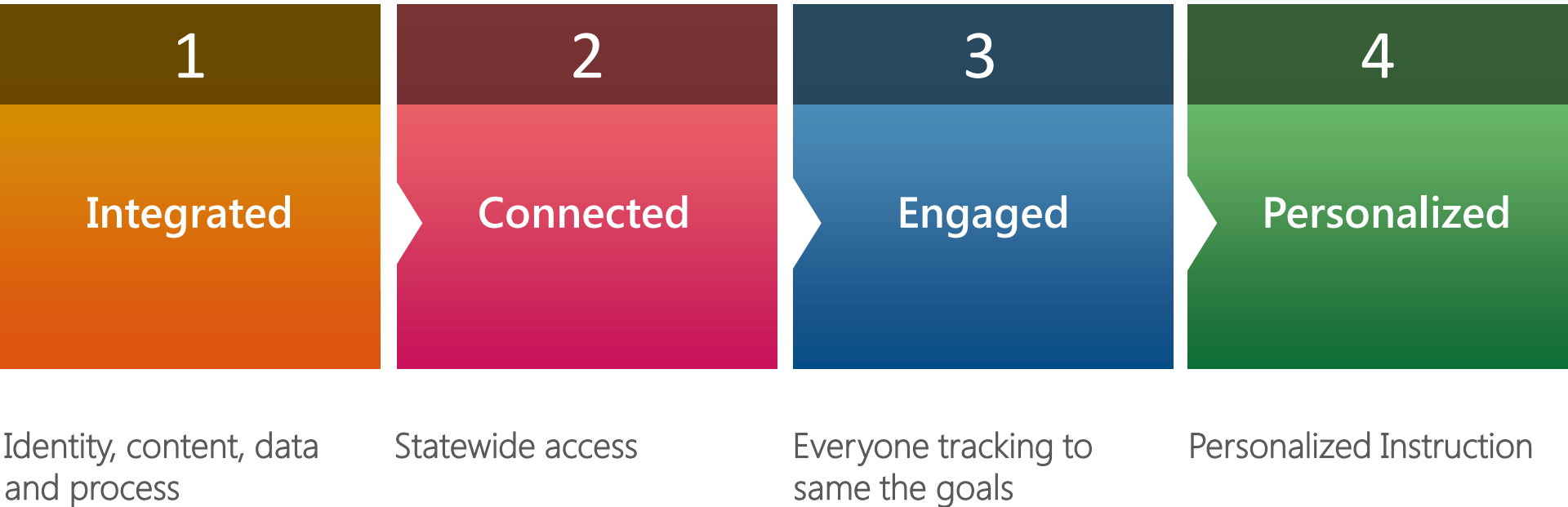


If education is the foundation of society,
then technology is quickly becoming the
mortar which binds and strengthens that
foundation

A close-up photograph of a woman with long, wavy brown hair, smiling warmly at a man. She is wearing a white cardigan with black horizontal stripes over a red top. The man, on the left, has long dark hair and a beard, and is looking towards her. The background is a warm, out-of-focus wooden interior.

**Getting to
the single
source of
education
truth**

Arizona Department of Education Integrated Data and Analytics



Arizona Department of Education

EI: Education Intelligence

**Integrated data and analytics
transformed into actionable
information delivered “real-time” to
education stakeholders that can
contribute to the improvement student
success**

Components of Arizona Education Technology Maturity Model

Level 1



Level 2



Level 3



Level 4



College Ready



Career Ready

▶ Predictive Analytics

▶ Achievement Tracking

▶ Personalized Learning Plans

▶ Adaptive Content

▶ Longitudinal Data Warehouse

▶ Educator Collaboration

▶ Student Profile & Progress Tracking

▶ User Ratings & Approval

▶ Academic Analyzer

▶ Community Engagement

▶ Student Engagement

▶ Content Pacing Plans

▶ Data Integration
▶ Reporting

▶ Identity Management

▶ Intervention Case Management
▶ Entity Relationships

▶ Competency Definitions

▶ Content mapped to Standards

Data Analytics



Information Access



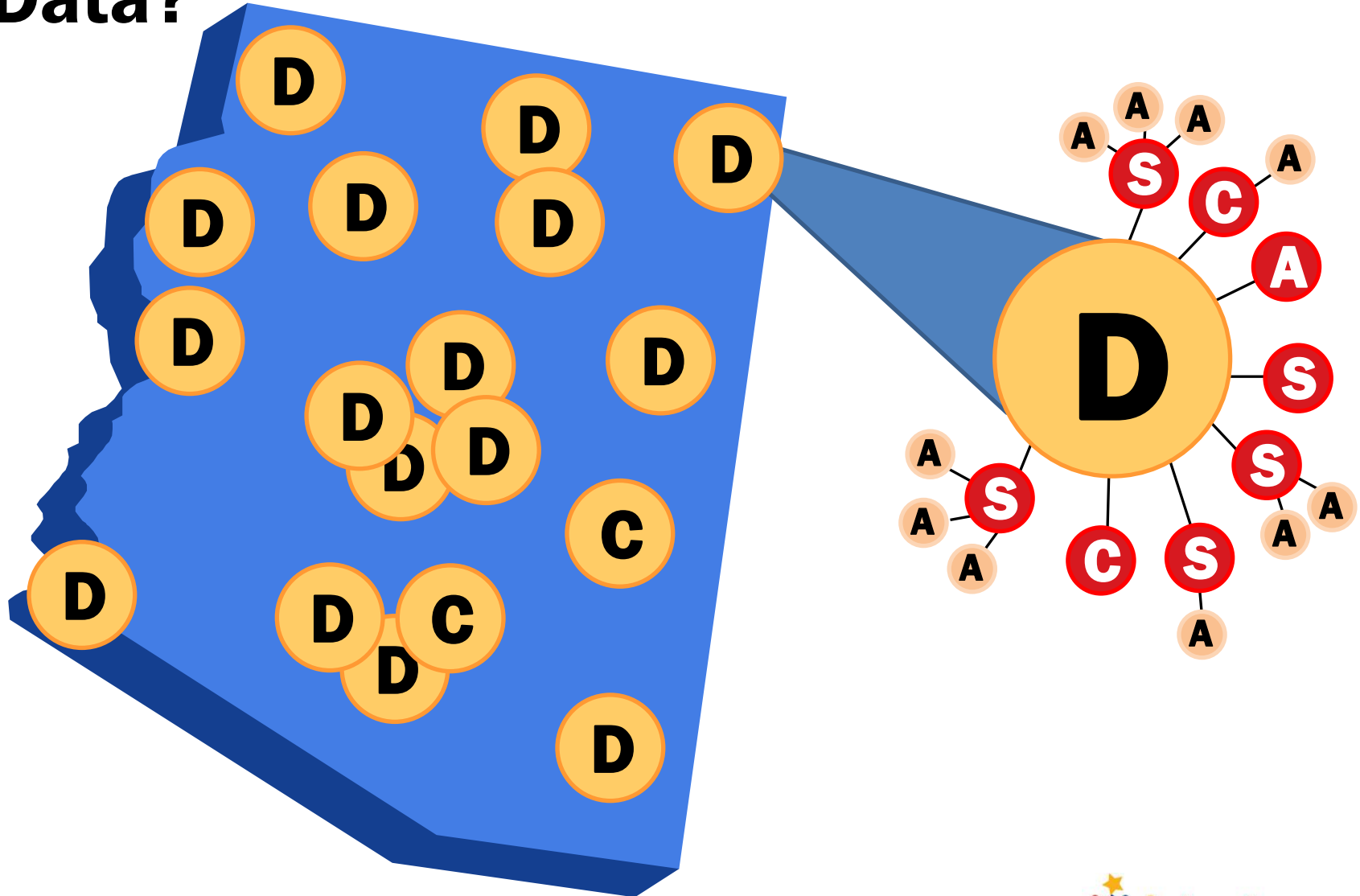
Student Success Management



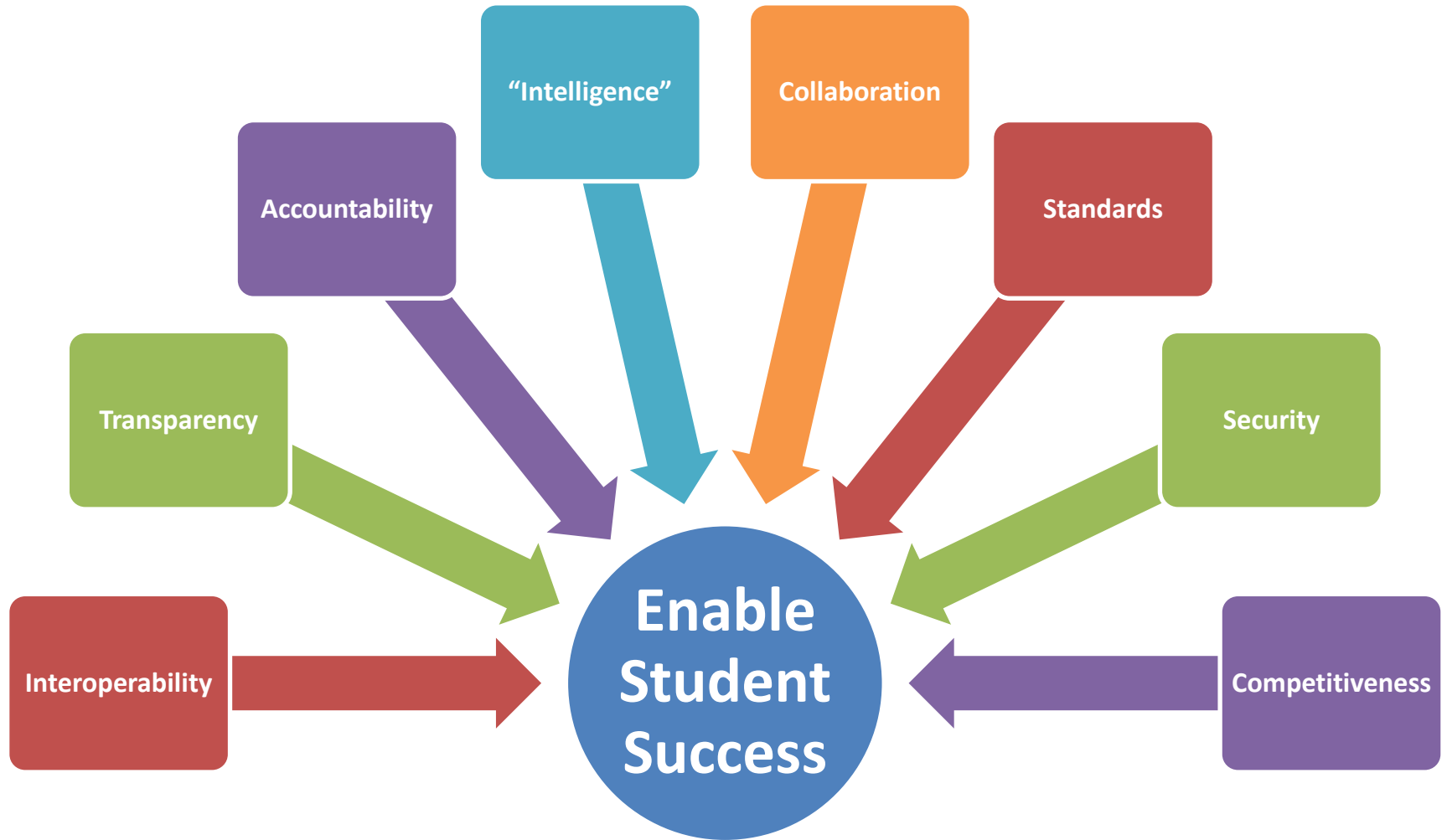
Standards & Curriculum



Arizona Challenges: Where is the Data?



What is Arizona missing?



Arizona Department of Education Roadmap

- System Defined for Arizona Education Stakeholders by Arizona Education Stakeholders – not for ADE IT
- Unified data warehouse system P20W
- Personalized Instruction
- Education Intelligence
- Business Case
- Top-Down and Bottom-Up State Support
- State Data and Technology Standards
- Shared Services Model using Cloud Technology
- Inter-state collaboration and consortiums

Thank You



Contact

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